## WHAT IS CLAIMED IS:

1. A display system, detachable from a host device, the display system, comprising:

a power\source;

- a processor coupled to the power source;
- a memory coupled to the power source and the processor;
- a flexible electronic display coupled to the processor and the
- 7 power source;

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- a coupler for coupling the flexible electronic display to the
- 9 host device; and
- a flexible touch sensor movable with the flexible electronic display.
- 2. The display system of claim 1, wherein the flexible electronic display is electronic paper (e-paper).
- 1 3. The display system of claim 1, wherein the flexible display is foldable.
- 1 4. The display system of claim\1, wherein the host device is a \\2 handheld computer.
- 5. The display system of claim 1,\wherein the flexible touch sensor includes a transparent coating.
- 1 6. The display system of claim 1, wherein the flexible touch 2 sensor includes an electrotextile.
- 7. A portable electronic device, comprising: a housing;
- a coupler connected to the housing; and

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3	a texible display screen assembly, the flexible display screen
4	assembly being viewable when coupled to the coupler and expandable to
5	provide a larger viewing area, at least when decoupled from the coupler,
6	the flexible display screen assembly including,
7	a power source;
8	a processor coupled to the power source;
9	a memory coupled to the power source and the
0	processor;
1	a flexible electronic display coupled to the processor
2	and the power source; and
3	a flexible touch sensor movable with the flexible
4	electronic display, providing an enlarged touch sensor area when
5	the viewing area of the flexible display screen assembly is enlarged

- 1 8. The portable electronic device of claim 7, wherein the flexible electronic display is electronic paper (e-paper).
  - 9. The portable electronic device of claim 7, wherein the flexible display is foldable.
- 10. The portable electronic device of claim 7, wherein the portable electronic device is a handheld computer.
  - 11. The portable electronic device of claim 7, wherein the flexible touch sensor includes a transparent coating.
- 1 12. The portable electronic device of claim 7, wherein the flexible touch sensor includes an electrotextile.
- 13. A foldable display assembly, comprising
- a processor coupled to the power source;



host device; and

display.

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- a foldable electronic display coupled to the processor and the power source;
- a coupler for coupling the foldable electronic display to a
- a foldable touch sensor foldable with the foldable electronic
- 1 14. The foldable display of claim 13, wherein the foldable electronic display is electronic paper (e-paper).
- 1 15. The foldable display of claim 13, wherein coupler includes a coupler for coupling to a handheld computer.
- 1 16. The foldable display of claim 13, wherein the flexible touch 2 sensor includes a transparent coating.
  - 17. The foldable display of claim 13 wherein the flexible touch sensor includes an electrotextile.
  - 18. A handheld computer, comprising:
  - a housing;
- an expandable display assembly supported on the housing,
- 4 providing a viewing area when the expandable display assembly is folded
- and providing a larger viewing area when the expandable display
- 6 assembly is expanded; and
- a touch sensor associated with the expandable display, the
- 8 touch sensor being enlarged when the expandable display is\expanded.
- 19. The handheld computer of claim 18, wherein the expandable display assembly is electronic paper (e-paper).

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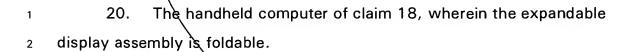
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- 21. The handheld computer of claim 18, wherein the portable electronic device is a handheld computer.
- 1 22. The handheld computer of claim 18, wherein the touch sensor includes a transparent coating.
  - 23. The handheld computer of claim 18, wherein the touch sensor includes an electrotextile.
- 24. A method of using a handheld computer, comprising:
  viewing an image on an unenlarged viewing area of a flexible
  display;
  providing input to the handheld computer via a touch sensor
  - providing input to the handheld computer via a touch sensor having an unenlarged sensing area associated with the flexible display; enlarging the flexible display to provide an enlarged viewing area;
  - viewing an image in the enlarged viewing area;

    providing input to the handheld computer via a touch sensor
    having an enlarged sensing area associated with the flexible display.
- 1 25. The method of claim 24, further comprising:
  2 decoupling the flexible display from the handheld computer.
  - 26. The method of claim 24, further comprising: providing input using a fingertip.
- The method of claim 24, further comprising:
  providing input using a stylus.